

CLAIMS

What is claimed is:

1. A method of filtering information displayed to a customer of a management information portal, comprising:

providing a plurality of network resources managed by said management information portal;

storing a first filter in a configuration record of said customer, said first filter specifying one or more network resources relevant to said customer;

providing a plurality of modules, each module configured to provide a respective portal display to said customer;

providing a second filter configured to specify one or more network resources relevant to said customer for each module of said plurality of modules; and

constructing a selected portal display of a selected module, said selected portal display displaying information determined from an application of said first filter and a respective second filter of said selected module on said plurality of network resources.

2. The method of filtering information in accordance with claim 1, further comprising:

specifying at least one sub-filter of a plurality of sub-filters of said first filter, said sub-filter configured to specify one or more network resources relevant to said customer; and

applying said at least one sub-filter of said plurality of sub-filters of said first filter to said plurality of network resources to create a first subset of said plurality of network resources.

3. The method of filtering information in accordance with claim 2, wherein said at least one sub-filter includes a customer filter, said customer filter configured to map a customer name to a set of relevant network resources from said plurality of network resources.

4. The method of filtering information in accordance with claim 2, further comprising:

specifying at least one sub-filter of a second plurality of sub-filters of said second filter; and

applying said least one sub-filter of said second plurality of sub-filters of said second filter to said plurality of network resources to create a second subset of said plurality of network resources.

5. The method of filtering information in accordance with claim 4, wherein said application is a union of said first subset and second subset of plurality of network resources.

6. The method of filtering information in accordance with claim 5, further comprising:

invoking said first filter by parsing a customer record in said user configuration database.

7. The method of filtering information in accordance with claim 6, further comprising:

invoking said selected second filter by invoking said selected module.

8. The method of filtering information in accordance with claim 7, wherein:

said plurality of modules comprises at least one of a network health module, a network topology module and a alarm module, said network health module providing information with respect to health of said network resources, said network topology module providing a graphical representation of a topology of said network resources, and said alarm module providing information with respect to occurrences of critical events in said network resources.

9. The method of filtering information in accordance with claim 1 wherein said first filter includes a security filter and said second filter includes a display filter.

10. A computer readable storage medium on which is embedded one or more computer programs, said one or more computer programs implementing a

method of filtering information displayed to a customer of a management information portal, said one or more computer programs comprising a set of instructions for:

providing a plurality of network resources managed by said management information portal;

storing a first filter in a configuration record for said customer, said first filter specifying one or more network resources relevant to said customer;

providing a plurality of modules, each module configured to provide a respective portal display to said customer;

providing a second filter configured to specify one or more network resources relevant to said customer for each module of said plurality of modules; and

constructing a selected portal display of a selected module, said selected portal display displaying information determined from an application of said first filter and a respective second filter of said selected module on said plurality of network resources.

11. The computer readable storage medium in accordance with claim 10, wherein said one or more computer programs further comprising a set of instructions for:

specifying at least one sub-filter of a plurality of sub-filters of said first filter, said sub-filter configured to specify one or more network resources relevant to said customer; and

applying said at least one sub-filter of said plurality of sub-filters of said first filter to said plurality of network resources to create a first subset of said plurality of network resources.

12. The computer readable storage medium in accordance with claim 11, said one more computer programs further comprising a set of instructions for:

specifying at least one sub-filter of a second plurality of sub-filters of said second filter; and

applying said least one sub-filter of said second plurality of sub-filters of said second filter to said plurality of network resources to create a second subset of said plurality of network resources.

13. The computer readable storage medium in accordance with claim 12, wherein said application is a union of said first subset and second subset of plurality of network resources.

14. The computer readable storage medium in accordance with claim 13, wherein said one or more computer programs further comprising a set of instructions for:

invoking said first filter by parsing a customer record in said user configuration database.

15. The computer readable storage medium in accordance with claim 14, wherein said one or more computer programs further comprising a set of instructions for:

invoking said selected second filter by invoking said selected module.

16. The computer readable storage medium in accordance with claim 14, wherein:

said plurality of modules comprises at least one of a network health module, a network topology module and a alarm module, said network health module providing information with respect to health of said network resources, said network topology module providing a graphical representation of a topology of said network resources, and said alarm module providing information with respect to occurrences of critical events in said network resources.

17. A system for filtering information displayed to a customer of a management information portal, comprising:

a user configuration database configured to store a first filter in a configuration record for said customer, said configuration record being an entry in said user configuration database, said first filter specifying a first subset of a plurality of network resources relevant to said customer;

a module library comprising a plurality of modules, each module configured to provide a respective portal display to said customer;

a filter library comprising a plurality of second filters, each second filter configured to specify a second subset of said plurality of network resources relevant to said customer and

a display manager configured to construct a selected portal display in response to a selection of a selected module, said selected portal display displaying information

determined from an application of said first filter and respective second filter for said selected module.

18. The system for filtering information in accordance with claim 17, wherein said security filter includes at least one sub-filter of said first filter specifying a first portion of said first subset of said plurality of network resources.

19. The system for filtering information in accordance with claim 18, wherein said respective display filter for said selected module includes at least one sub-filter of said respective display filter specifying a first portion of said second subset of said plurality of network resources.

20. The system for filtering information in accordance with claim 17, wherein said application is a union of said first subset and second subset of said plurality of network resources.